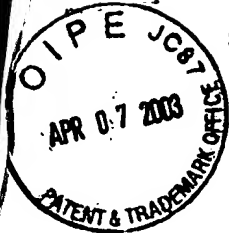


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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s): Geert Arnout Awater
Robert John Kopmeiners
Didier Johannes Richard Van Nee

Case: 7-3-15

Serial No.: 09/989,052

Filing Date: November 20, 2001

Examiner: Not Yet Assigned Group Art Unit: Not Yet Assigned

Title: Detection Method For Phase-Modulated Symbols With A Correlator-Bank

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D. C. 20231

Sir:

PRELIMINARY AMENDMENT

Prior to examining the above-identified application, please amend the application as follows by replacing certain of the claims as shown below. The computer red-lined version of the changes made to these claims are attached for your review.

IN THE CLAIMS:

Replace claims 1 through 20 as follows:

Replacement claim 1

- 1 1. A method for the detection of a symbol from a received signal wherein the
2 symbol is a selected symbol out of a predetermined set of symbols, wherein each
3 symbol of the predetermined set is a symbol comprising a sequence of chips
4 wherein each of the chips is PSK-modulated according to a selected modulation
5 code wherein each of the selected modulation codes comprises a first sub-
6 modulation code which is a selection from a plurality of first sets of predetermined
7 phase modulating elements and a second sub-modulation code which is a selection
8 from one second set of predetermined phase modulating elements wherein at least

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